

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

# NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION 11805 SW 26 Street, Room 208 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

AWP Windows and Doors, LLC 8130 NW 74th Avenue Medley, FL 33166

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "580" Aluminum Single Hung Window - N.I.

APPROVAL DOCUMENT: Drawing No. W96-38, titled "Series 580 Alum Single Hung Window (N.I.)" Sheets 1 through 5 of 5, dated 10/10/96, with revision J dated 09/22/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

#### MISSILE IMPACT RATING: None.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA# 12-0906.06 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.

(MIAMI-DADE COUNTY)
APPROVED

Tal26/14

NOA No. 14-0722,07 Expiration Date: November 14, 2017 Approval Date: October 02, 2014 Page 1

## AWP Windows and Doors, LLC

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### A. DRAWINGS

- 1. Manufacturer's die drawings and sections.
- 2. Drawing No. **W96-38**, titled "Series 580 Alum Single Hung Window (N.I.)" Sheets 1 through 5 of 5, dated 10/10/96, with revision J dated 09/22/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

## B. TESTS

- 1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test, per ASTM 588, TAS 202-94

along with marked-up drawings and installation diagram of a series 580 aluminum single hung window glazed with ½" tempered insulated glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-7568, dated 04/26/14, signed and sealed by Idalmis Ortega, P.E.

- 2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test, per ASTM 588, TAS 202-94

along with marked-up drawings and installation diagram of a series 580 eyebrow top aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-5343, dated 10/09/07, signed and sealed by Carlos S. Rionda, P.E. (Submitted under NOA#09-0316.10)

- 3. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test, per ASTM 588, TAS 202-94

along with marked-up drawings and installation diagram of a series 580 radius top aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-4443, dated 01/26/05, signed and sealed by Edmundo Largaespada, P.E. (Submitted under NOA#09-0316.10)

- 4. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Forced Entry Test, per AAMA 1302.paragraph 5 3.1.1 to 3.1.5

along with marked-up drawings and installation diagram of a series 580 aluminum single hung window, glazed w/ 3/16" temp. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-3879, dated 08/28/03, signed and sealed by Joseph Chan, P.E. (Submitted under NOA #02-0507.06)

Manuel Percz, P.E. Product Control Examiner NOA No. 14-0722.07

Expiration Date: November 14, 2017

Approval Date: October 02, 2014

## AWP Windows and Doors, LLC

## NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

## B. TESTS (CONTINUED)

5. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Water Resistance Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of a Series 580 Aluminum Single Hung Window, glazed with 1/8" ann. glass, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL-3861, dated 08/07/03, signed and sealed by Joseph Chan, P.E. (Submitted under NOA #02-0507.06)

## C. CALCULATIONS

- 1. Anchor verification calculations and structural analysis, complying with FBC 5<sup>th</sup> Edition (2014), dated 07/01/14 and revised on 09/19/14, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.
- 2. Glazing complies with ASTM E1300-09.

## D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

### E. MATERIAL CERTIFICATIONS

1. None.

#### F. STATEMENTS

- 1. Statement letter of conformance, complying with the FBC 5<sup>th</sup> Edition (2014), and of no financial interest, dated July 1, 2014, signed and sealed by Javad Ahmad, P.E.
- 2. Proposal No. 13-0640 issued by the Product Control Section, dated July 16, 2013 and revised on August 01, 2013, signed by Manuel Perez, P.E.
- 3. Asset purchase agreement dated March 20, 2014, signed by Mr. Paul Schmitz, Chief Executive Officer and President, Trulite Intermediate Holding, LLC and Mr. Tim Moris, Jr., President and C.F.O., AWP Windows and Doors, LLC.
- 4. Letter from owners of existing NOA stating that they have sold all assets to the applicant, that they no longer manufacture the product and relinquish their rights to the current NOA, dated June 24, 2014, signed by Mr. Kevin Barrett, Chief Financial Officer, Trulite Window & Door Solutions, LLC.

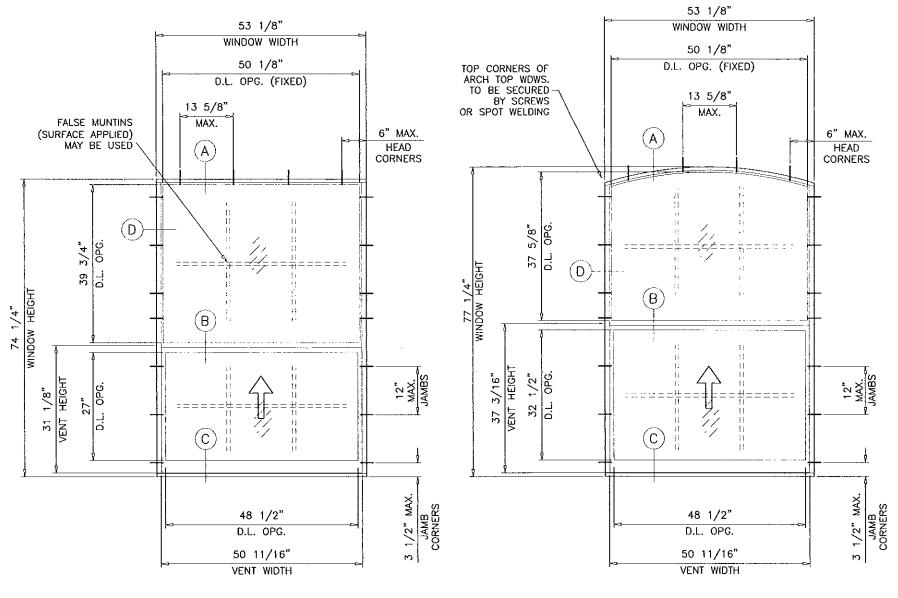
#### G. OTHERS

1. Notice of Acceptance No. 12-0906.06, issued to Trulite Window & Door Solutions, LLC, for their Series "580" Aluminum Single Hung Window – N.I., approved on 12/06/12 and expiring on 11/14/17.

Manuel Perez, P.E. Product Control Examiner NOA No. 14-0722.07

Expiration Date: November 14, 2017

Approval Date: October 02, 2014



#### SERIES 580 ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR S.H. WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOW OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BLDG. CODE.

# TYPICAL ELEVATION

TESTED UNITS

MONOLITHIC GLASS INSULATING GLASS NON IMPACT

PRODUCT REVISED as complying with the Florida

Building Code
Acceptance No 14.0142.07
Expiration Date Nov. 14.2017 Miami Dade Product Control

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dote 02.26.09 05.06.10 12.23.11 07.02.14

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978

z |

WINDOW

HUNG

DOORS,

AWP WINDOWS AND C 8130 N.W. 74TH AVE. MEDLEY, FL. 33166 TEL. (305) 887-2646 FA

(305)

FAX

drawing no. W96-38

sheet 1 of 5

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

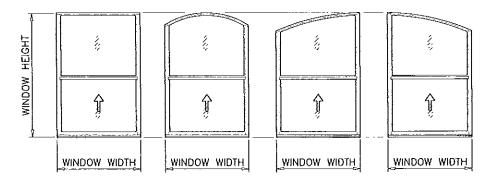
CIVIL FLA. PE # 70592 C.A.N. \\$538

Engr: JAVAD AHMAD

| DESIGN LOAD CAPACITY - PSF |          |         |          |                |        |                |         |
|----------------------------|----------|---------|----------|----------------|--------|----------------|---------|
| WINDOV                     | DIMS.    | GLASS 1 | TYPE 'A' | GLASS TYPE 'B' |        | GLASS TYPE 'C' |         |
| WIDTH                      | HEIGHT   | EXT.(+) | 1NT.(-)  | EXT.(+)        | 1NT.() | EXT.(+)        | 1NT.(-) |
| 19-1/8"                    | <u>-</u> | 60.0    | 80.0     | 60.0           | 125.0  | 60.0           | 210.0   |
| 26-1/2"                    |          | 60.0    | 80.0     | 60.0           | 125.0  | 60.0           | 179.7   |
| 37"                        | 26"      | 60.0    | 80.0     | 60.0           | 112.9  | 60.0           | 112.9   |
| 42"                        | (3)      | 60.0    | 79.3     | 60.0           | 95.9   | 60.0           | 95.9    |
| 48"                        |          | 52.7    | 52.7     | 60.0           | 81.3   | 60.0           | 81.3    |
| 53-1/8"                    |          | 38.6    | 38.6     | 60.0           | 71.9   | 60.0           | 71.9    |
| 19-1/8"                    |          | 60.0    | 80.0     | 60.0           | 125.0  | 60.0           | 210.0   |
| 26-1/2"                    |          | 60.0    | 80.0     | 60.0           | 125.0  | 60.0           | 163.1   |
| 37"                        | 38-3/8"  | 60.0    | 75.6     | 60.0           | 116.8  | 60.0           | 116.8   |
| 42"                        | (4)      | 56.3    | 56.3     | 60.0           | 102.9  | 60.0           | 102.9   |
| 48"                        |          | 37.0    | 37.0     | 60.0           | 90.1   | 60.0           | 90.1    |
| 53-1/8"                    |          | -       | _        | 60.0           | 81.4   | 60.0           | 81.4    |
| 19-1/8"                    |          | 60.0    | 80.0     | 60.0           | 125.0  | 60.0           | 171.3   |
| 26-1/2"                    |          | 60.0    | 80.0     | 60.0           | 123.7  | 60.0           | 123.7   |
| 37"                        | 50-5/8"  | 60.0    | 64.6     | 60.0           | 88.6   | 60.0           | 88.6    |
| 42"                        | (5)      | -       | _        | 60.0           | 78.0   | 60.0           | 78.0    |
| 48"                        |          | -       | _        | 60.0           | 68.3   | 60.0           | 68.3    |
| 53-1/8"                    |          |         | -        | 60.0           | 61.7   | 60.0           | 61.7    |
| 19-1/8"                    |          | 60.0    | 80.0     | 60.0           | 125.0  | 60.0           | 183.8   |
| 26-1/2"                    |          | 60.0    | 80.0     | 60.0           | 125.0  | 60.0           | 132.6   |
| 37"                        | 59"      | 47.9    | 47.9     | 60.0           | 95.0   | 60.0           | 95.0    |
| 42"                        | (6)      | -       |          | 60.0           | 83.7   | 60.0           | 83.7    |
| 48"                        |          | _       |          | 60.0           | 73.2   | 60.0           | 73.2    |
| 53-1/8"                    | :        |         | -        | 60.0           | 64.0   | 60.0           | 66.2    |
| 19-1/8"                    | :        | 60.0    | 80.0     | 60.0           | 125.0  | 60.0           | 206.5   |
| 26-1/2"                    |          | 60.0    | 76.7     | 60.0           | 125.0  | 60.0           | 149.0   |
| 37"                        | 63"      | 47.0    | 47.0     | 60.0           | 97.5   | 60.0           | 106.7   |
| 42"                        | (7)      |         |          | 60.0           | 85.1   | 60.0           | 93.1    |
| 48"                        | ]        |         |          | 60.0           | 71.9   | 60.0           | 75.8    |
| 53-1/8"                    |          | _       |          | 60.0           | 62.7   | 60.0           | 65.4    |
| 19-1/8"                    |          | 60.0    | 74.6     | 60.0           | 125.0  | 60.0           | 175.2   |
| 26-1/2"                    |          | 60.0    | 64.1     | 60.0           | 113.4  | 60.0           | 126.5   |
| 37"                        | 74-1/4"  |         |          | 60.0           | 82.0   | 60.0           | 90.6    |
| 42"                        | (7)      | _       | _        | 60.0           | 74.8   | 60.0           | 79.8    |
| 48"                        |          | -       | -        | 60.0           | 65.5   | 60.0           | 69.8    |
| 53-1/8"                    |          | -       | -        | 58.0           | 58.0   | 60.0           | 60.0    |
| 19-1/8"                    |          |         | -        | 60.0           | 125.0  | 60.0           | 199.7   |
| 26-1/2"                    | 76"      |         |          | 60.0           | 110.2  | 60.0           | 144.1   |
| 37"                        | (7)      | ļ       | ļ —      | 60.0           | 80.3   | 60.0           | 103.2   |
| 42"                        | '''      |         |          | 60.0           | 73.1   | 60.0           | 88.1    |
| 48"                        |          | _       |          | 60.0           | 64.5   | 60.0           | 69.9    |

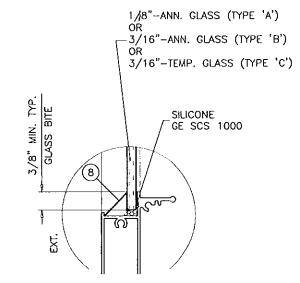
<sup>\*</sup> NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.

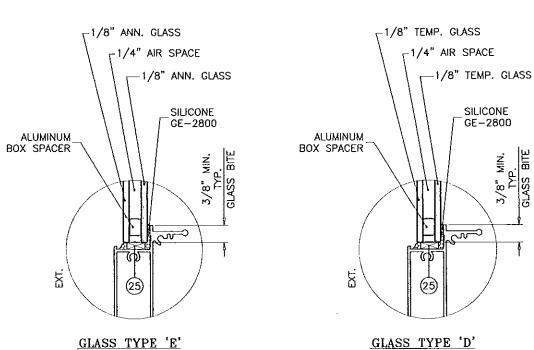
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219



## **APPROVED CONFIGURATIONS**

SHAPES SHOWN ABOVE OR SIMILAR





1/2" OVERALL INSUL. GLASS

| WINDOW DIMS.                                     |         | GLASS TYPE 'E' |         | GLASS TYPE 'D' |         |  |
|--|---------|----------------|---------|----------------|---------|--|
| HTOIW  | HEIGHT  | EXT.(+)        | 1NT.(-) | EXT.(+)        | 1NT.(-) |  |
| 19-1/8"  |         | 56.7           | 210.0   | 60.0           | 210.0   |  |
| 26-1/2"  |         | 56.7           | 201.9   | 60.0           | 201.9   |  |
| 37"  | 26"     | 56.7           | 144.6   | 60.0           | 144.6   |  |
| 42"  | (3)     | 56.7           | 127.4   | 60.0           | 127.4   |  |
| 48"  |         | 56.7           | 111.5   | 60.0           | 111.5   |  |
| 53-1/8"  |         | 56.7           | 100.7   | 60.0           | 100.7   |  |
| 19-1/8"  |         | 56.7           | 210.0   | 60.0           | 210.0   |  |
| 26-1/2"  |         | 56.7           | 182.4   | 60.0           | 182.4   |  |
| 37"  | 38-3/8" | 56.7           | 130.6   | 60.0           | 130.6   |  |
| 42"  | (4)     | 56.7           | 111.9   | 60.0           | 115.1   |  |
| 48"  |         | 56.7           | 94.4    | 60.0           | 100.7   |  |
| 53-1/8"  |         | 56.7           | 83.3    | 60.0           | 90.9    |  |
| 19-1/8"  | ··· —   | 56.7           | 210.0   | 60.0           | 210.0   |  |
| 26-1/2"  |         | 56.7           | 165.0   | 60.0           | 172.8   |  |
| 37"  | 50-5/8" | 56.7           | 112.9   | 60.0           | 123.2   |  |
| 42"  | (5)     | 56.7           | 93.7    | 60.0           | 102.2   |  |
| 48"  |         | 56.7           | 77.8    | 60.0           | 84.8    |  |
| 53-1/8"  |         | 56.7           | 67.9    | 60.0           | 74.1    |  |
| 19-1/8"  |         | 56.7           | 182.2   | 60.0           | 210.0   |  |
| 26-1/2"  |         | 56.7           | 143.8   | 60.0           | 177.9   |  |
| 37"  | 59"     | 56.7           | 106.0   | 60.0           | 115.6   |  |
| 42"  | (6)     | 56.7           | 86.6    | 60.0           | 94.4    |  |
| 48"  |         | 56.7           | 70.9    | 60.0           | 77.4    |  |
| 53-1/8"  |         | 56.7           | 61.5    | 60.0           | 67.1    |  |
| 19-1/8"  |         | 56.7           | 163.4   | 60.0           | 210.0   |  |
| 26-1/2"  |         | 56.7           | 134.8   | 60.0           | 166.6   |  |
| 37"  | 63"     | 56.7           | 102.1   | 60.0           | 113.4   |  |
| 42"  | (7)     | 56.7           | 84.2    | 60.0           | 91.8    |  |
| 48"  |         | 56.7           | 68.5    | 60.0           | 74.7    |  |
| 53-1/8"  |         | 56.7           | 59.1    | 60.0           | 64.5    |  |
| 19-1/8"  |         | 56.7           | 111.1   | 60.0           | 210.0   |  |
| 26-1/2"  |         | 56.7           | 93.3    | 60.0           | 165.0   |  |
| 37"  | 74-1/4" | 56.7           | 79.3    | 60.0           | 112.3   |  |
| 42"  | (7)     | 56.7           | 70.3    | 60.0           | 89.0    |  |
| 48"  |         | 56.7           | 63.6    | 60.0           | 70.6    |  |
| 53-1/8"  | <u></u> | 55.0           | 55.0    | 60.0           | 60.0    |  |
| 19-1/8"  |         | 56.7           | 107.1   | 60.0           | 210.0   |  |
| 26-1/2"  | 1       | 56.7           | 88.0    | 60.0           | 161.2   |  |
| 37"  | 76"     | 56.7           | 76.5    | 60.0           | 112.3   |  |
| 42"  | (7)     | 56.7           | 68.4    | 60.0           | 89.0    |  |
| 48"  |         | 56.7           | 61.3    | 60.0           | 70.4    |  |
| IO IN PARENTHESIS INDICATE NO DE ANCHORS PER JAX |         |                |         |                |         |  |

DESIGN LOAD CAPACITY - PSF

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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

(Z.

WINDOW

HUNG

SERIES 580 ALUM SINGLE

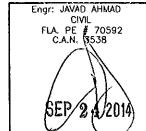
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AWP WINDOWS AND C 8130 N.W. 74TH AVE. MEDLEY, FL. 33166 TEL. (305) 887–2646 FA

\* NO. IN PARENTHESIS INDICATE NO. OF ANCHORS PER JAMB.



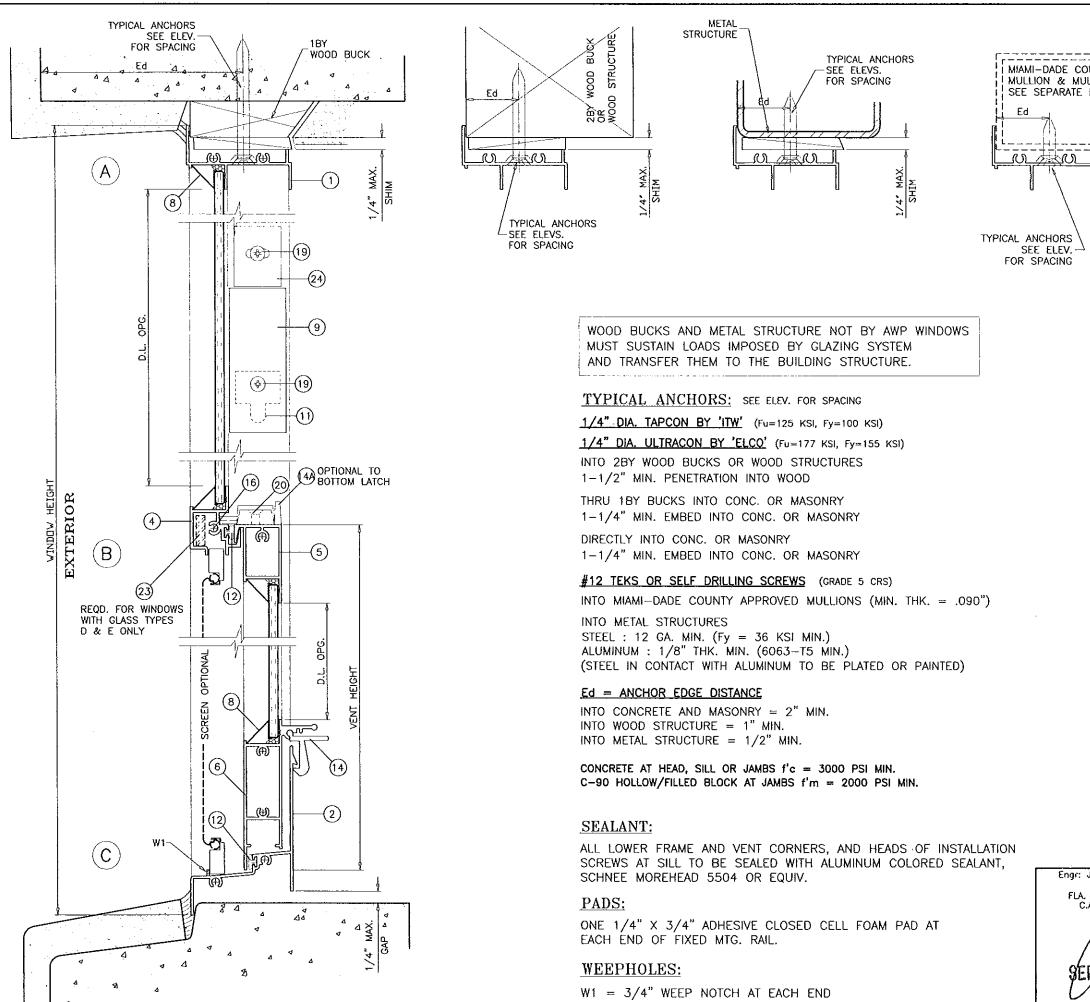
PRODUCT REVISED
23 complying with the Florida
Euilding Code
Acceptance No 4-0122.07
Expiration Date 407, 14-201
By Mould Salary Dade Product Control

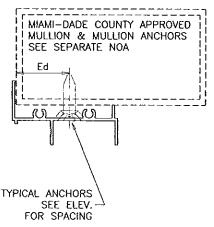
| dote: 10-1  | scale: 1/2" | dr. by: HAMI | chk, by: |  |  |
|-------------|-------------|--------------|----------|--|--|
| drawing no. |             |              |          |  |  |
| W96-38      |             |              |          |  |  |

sheet 2 of

5

1/2" OVERALL INSUL. GLASS **GLAZING OPTIONS** 







PRODUCT REVISED

Miami/Dade Product Control

as complying with the Florida
Building Code
Acceptance No 14.0722.07
Expiration Date Nov. 14.2017
By Manuel Support

drawing W96 - 38

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10-10-96

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX. (305) 262-6978

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SERIES

DOORS,

AWP WINDOWS AND C 8130 N.W. 74TH AVE. MEDLEY, FL. 33166

sheet 3 of 5

